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June 6, 1995

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Our Ref: 943-2848.601

OFFICE OF THE DIRECTOR
WSTM DIVISION

U.S. Environmental Protection Agency
Region VII
WSTM/SPFD/REML
726 Minnesota Avenue
Kansas City, Kansas 66101

Site: West Lake LDF
ID # M8D079900932
Break: 10.9
Other: Progress Reports
DVA 6-6-95

Attention: Mr. Steven Kinser

**RE: MONTHLY PROGRESS REPORT - MAY 1995
WEST LAKE (BRIDGETON) LANDFILL
OPERABLE UNIT 2 RI/FS**

Dear Mr. Kinser:

On behalf of Laidlaw Waste Systems, Inc. (Laidlaw), Golder Associates Inc. (Golder) has prepared the following progress report in accordance with Section XIII, Paragraph 39 of the Administrative Order on Consent (Consent Order), EPA Docket No. VII-94-F-0025. The progress report describes activities conducted in May 1995.

I. ACTIONS TAKEN TO COMPLY WITH THE CONSENT ORDER

The following activities were performed in May 1995:

- Hydrogeologic characterization continued near the active solid waste landfill. During May 1995, six boreholes were cored and seven piezometers were constructed.



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SUPERFUND RECORDS

The following table summarizes the hydrogeologic characterization activities completed through May 1995:

Piezometer/Borehole Designation	Total Depth (feet below ground surface)	Soil/Rock Sampling Interval (feet below ground surface)	Screened Interval (feet below ground surface)
PZ-100-KS	391.2	0 - 391.2	374 - 384
PZ-100-SD	246	235.3 - 246	235 - 245
PZ-100-SS	94.5	78.9 - 94.5	74 - 94
PZ-101-SS	140.5	0 - 140.5	129.5 - 139.5
PZ-102-SS	90	0 - 90	80 - 90
PZ-103-SS	145.5	0 - 144.3	134.5 - 144.5
PZ-104-KS	247	0 - 247	NS
PZ-105-SS	149	0 - 149	139 - 149
PZ-106-KS	375	0 - 375	364 - 374
PZ-106-SD	201	191 - 201	191 - 201
PZ-106-SS	165	155 - 165	155 - 165
PZ-107-SS	104	0 - 104	93 - 103
PZ-108-SS	144	0 - 144	133.5 - 143.5
PZ-109-SS	135.7	0-135.7	125.7 - 135.7
PZ-110-SS	141	0 - 141	101 - 111
PZ-111-KS	368.8	0 - 368.8	357 - 367
PZ-111-SD	209.9	199.9 - 209.9	199.4 - 209.4
PZ-112-AS	36	0 - 36	29.6 - 34.6
PZ-113-AD	108.5	0 - 108.5	98.5 - 108.5
PZ-113-AS	40	0 - 40	28.9 - 38.9
PZ-113-SS	159.4	114.6 - 159.4	149 - 159
PZ-114-AS	30	0 - 30	20 - 30
PZ-115-SS	84.7	0 - 84.7	74.5 - 84.5
PZ-200-SS	98.7	0 - 98.7	9.5 - 97.5
PZ-201-SS	90	0 - 90	10 - 90
PZ-201A-SS	90	80 - 90	80 - 90
PZ-202-SS	92	0-92	40 - 90
PZ-203-SS	110	0 - 110	NS
PZ-204-SS	90.5	0 - 90.5	11 - 91
PZ-206-SS	125	0 - 125	115 - 125
PZ-207-AS	40	0 - 40	34.9 - 39.9

NS = Screen and riser not installed.

NOTES:

1. PZ-110-SS was backfilled to 111 feet using bentonite prior to piezometer installation.
2. PZ-104-KS had not reached its total depth in May.

Approximate drilling locations are shown on Figure 5-3 of the final "RI/FS Work Plan, West Lake Landfill, Operable Unit 2, Bridgeton, Missouri" (referred to as the final "RI/FS Work Plan"). Consistent with the approach presented in the final "RI/FS Work Plan," the deepest boring in each piezometer cluster is continuously sampled. Other borings in a cluster are sampled only near the screened interval.

During May, packer testing and downhole geophysical logging were completed in one borehole (PZ-111-KS).

II. VALIDATED RESULTS RECEIVED

No validated results were received during May 1995.

III. WORK PLANNED DURING JUNE AND JULY 1995

Activities planned for June and July 1995 include the following:

- Continuation of hydrogeologic characterization activities near the active solid waste landfill; and,
- Responding to EPA comments on the draft "Sampling and Analysis Plan," if comments are generated.

IV. MATERIAL PROBLEMS ENCOUNTERED OR ANTICIPATED MATERIAL DELAYS

No material delays were encountered in May, and none are anticipated for June or July 1995.

June 6, 1995

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If you have any questions or comments, please contact Mr. Doug Borro, the Respondent's designated Project Coordinator, or the undersigned.

Sincerely,

GOLDER ASSOCIATES INC.



Ward E. Herst, CPHG, CEM
Program Director - Hydrology
Associate

WEH/rtn

cc: Michael Hockley, Esq., Spencer Fane Britt & Browne
Doug Borro, Laidlaw Waste Systems, Inc.
Doug Wagner, Laidlaw Waste Systems, Inc.
Dennis Wike, Laidlaw Waste Systems, Inc.
Larry Giroux, Laidlaw Waste Systems, Inc.